



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joo S Choi

Title: MEMORY DEVICE HAVING TERMINALS FOR TRANSFERRING MULTIPLE TYPES OF DATA

Docket No.: 303.880US1

Serial No.: 10/782,717

Filed: February 19, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2818

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

A return postcard.

A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.). Documents NOT enclosed.

**Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: 

Atty: Viet V. Tong

Reg. No. 45,416

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24 day of March, 2005.

Nicole Jao  
Name

  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)



S/N 10/782,717

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Joo S Choi                      Examiner: Unknown  
Serial No.: 10/782,717                      Group Art Unit: 2818  
Filed: February 19, 2004                      Docket: 303.880US1  
Title: MEMORY DEVICE HAVING TERMINALS FOR TRANSFERRING MULTIPLE  
TYPES OF DATA

---

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/782,717

Filing Date: February 19, 2004

Title: MEMORY DEVICE HAVING TERMINALS FOR TRANSFERRING MULTIPLE TYPES OF DATA

Page 2  
Dkt: 303.880US1

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,  
JOO S CHOI

By his Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6969

Date March 24, 2005

By Viet V. Tong  
Viet V. Tong  
Reg. No. 45,416

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24 day of March, 2005.

Nicole Jaa  
Name

[Signature]  
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<i>Complete if Known</i>	
		<b>Application Number</b>	10/782,717
		<b>Filing Date</b>	February 19, 2004
		<b>First Named Inventor</b>	Choi, Joo
		<b>Group Art Unit</b>	2818
		<b>Examiner Name</b>	Unknown
Sheet		Attorney Docket No: 303.880US1	

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2002/0013929	01/31/2002	Maciver, Mark A.	04/19/2001
	US-2002/0188909	12/12/2002	Chen, Chin-Long	02/28/2001
	US-2004/0163027	08/19/2004	MacLaren, John M., et al.	02/18/2003
	US-2004/0163028	08/19/2004	Olarig, Sompong P.	02/18/2003
	US-2004/0168101	08/26/2004	Kubo, Atsushi	04/09/2003
	US-2005/0028056	02/03/2005	Tsao, Jay, et al.	07/29/2003
	US-2005/028057	02/03/2005	Briggs, Theodore C.	07/29/2003
	US-4,566,102	01/01/1986	Hefner, James L.	04/18/1983
	US-4,888,773	12/19/1989	Arlington, David L., et al.	06/15/1988
	US-5,058,115	10/15/1991	Blake, Robert M., et al.	03/10/1989
	US-5,228,046	07/13/1993	Blake, Robert M., et al.	11/12/1991
	US-5,233,614	08/03/1993	Singh, Shanker	01/07/1991
	US-5,533,036	07/02/1996	Blake, Robert M., et al.	06/07/1995
	US-5,682,394	10/28/1997	Blake, Robert M., et al.	02/02/1993
	US-6,009,548	12/28/1999	Chen, Chin-Long , et al.	06/18/1998
	US-6,018,817	01/25/2000	Chen, Chin-Long , et al.	12/03/1997
	US-6,044,479	03/28/2000	Dell, Timothy J.	01/29/1998
	US-6,044,483	03/28/2000	Chen, Chin-Long, et al.	01/29/1998
	US-6,141,789	10/31/2000	Cypher, Robert	09/24/1998
	US-6,233,716	05/15/2001	Cypher, Robert	09/24/1998
	US-6,282,686	08/28/2001	Cypher, Robert	09/24/1998
	US-6,301,680	10/09/2001	Cypher, Robert	09/24/1998
	US-6,304,992	10/16/2001	Cypher, Robert	09/24/1998
	US-6,393,597	05/21/2002	Cypher, Robert	06/01/1999
	US-6,453,440	09/17/2002	Cypher, Robert	08/04/1999
	US-6,473,880	10/29/2002	Cypher, Robert	06/01/1999
	US-6,477,682	11/05/2002	Cypher, Robert	05/10/2001
	US-6,519,717	02/11/2003	Williams, Emrys, et al.	10/06/1999
	US-6,574,768	06/24/2003	Cypher, Robert	10/11/2001
	US-6,823,476	11/23/2004	Williams, Emrys, et al.	12/23/2002

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached